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OM protein - protein search, using sw model

Run on: August 23, 2002, 14:38:33 ; Search time 13.09 Seconds
(without alignments)
348.937 Million cell updates/sec

Title: US-09-811-118-1

Perfect score: 187
Sequence: 1 MVATVAAMLLMAAACQ.....VRLQITLVKRLILKREDL 187

Scoring table: OLIGO
Gapop 60.0 , Gapext 60.0

Searched: 231628 seqs, 24425594 residues

Word size: 0

Total number of hits satisfying chosen parameters: 231628

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Listing first 45 summaries

Database:

Issued_Patents_AA:*
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2: /cgn2_6/ptodata/2/1aa/5B.COMB.pep:*
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6: /cgn2_6/ptodata/2/1aa/Dackfilest1.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	187	100.0	187	4	US-09-088-549-1
2	9	4.8	47	4	US-08-679-493A-166
3	9	4.8	47	4	US-08-679-493A-168
4	9	4.8	170	4	US-09-088-549-3
5	8	4.3	24	6	5187078-2
6	8	4.3	219	1	US-08-208-885-2
7	8	4.3	219	1	US-08-462-177-2
8	8	4.3	219	2	US-08-833-622-2
9	7	3.7	20	1	US-08-440-861-23
10	7	3.7	44	4	US-08-679-493A-170
11	7	3.7	46	4	US-08-679-493A-171
12	7	3.7	46	4	US-08-679-493A-172
13	7	3.7	46	4	US-08-679-493A-173
14	7	3.7	46	4	US-08-679-493A-174
15	7	3.7	46	4	US-08-679-493A-175
16	7	3.7	46	4	US-08-679-493A-176
17	7	3.7	47	4	US-08-679-493A-177
18	7	3.7	47	4	US-08-679-493A-178
19	7	3.7	47	4	US-08-679-493A-179
20	7	3.7	47	4	US-08-679-493A-180
21	7	3.7	47	4	US-08-679-493A-181
22	7	3.7	155	4	US-09-315-794-12
23	7	3.7	155	4	US-09-389-341-12
24	7	3.7	226	2	US-08-428-188-1
25	7	3.7	301	1	US-08-440-861-2
26	7	3.7	301	1	US-08-433-854-2
27	7	3.7	301	1	US-08-174-745A-2

28	7	3.7	301	2	US-08-195-947-2	Sequence 2, Appl
29	7 <th>3.7</th> <th>301</th> <th>2</th> <th>US-08-433-885-2</th> <th>Sequence 2, Appl</th>	3.7	301	2	US-08-433-885-2	Sequence 2, Appl
30	7 <th>3.7</th> <th>301</th> <th>2</th> <th>US-08-433-908B-2</th> <th>Sequence 2, Appl</th>	3.7	301	2	US-08-433-908B-2	Sequence 2, Appl
31	7 <th>3.7</th> <th>301</th> <th>4</th> <th>US-08-410-614-2</th> <th>Sequence 2, Appl</th>	3.7	301	4	US-08-410-614-2	Sequence 2, Appl
32	7 <th>3.7</th> <th>373</th> <th>4</th> <th>US-09-039-198A-14</th> <th>Sequence 14, Appl</th>	3.7	373	4	US-09-039-198A-14	Sequence 14, Appl
33	7 <th>3.7</th> <th>373</th> <th>4</th> <th>US-09-039-198A-15</th> <th>Sequence 15, Appl</th>	3.7	373	4	US-09-039-198A-15	Sequence 15, Appl
34	7 <th>3.7</th> <th>387</th> <th>2</th> <th>US-08-486-839-6</th> <th>Sequence 6, Appl</th>	3.7	387	2	US-08-486-839-6	Sequence 6, Appl
35	7 <th>3.7</th> <th>387</th> <th>3</th> <th>US-09-151-011-6</th> <th>Sequence 6, Appl</th>	3.7	387	3	US-09-151-011-6	Sequence 6, Appl
36	7 <th>3.7</th> <th>387</th> <th>4</th> <th>US-09-343-623-6</th> <th>Sequence 6, Appl</th>	3.7	387	4	US-09-343-623-6	Sequence 6, Appl
37	7 <th>3.7</th> <th>401</th> <th>2</th> <th>US-08-596-111B-2</th> <th>Sequence 2, Appl</th>	3.7	401	2	US-08-596-111B-2	Sequence 2, Appl
38	7 <th>3.7</th> <th>401</th> <th>4</th> <th>US-09-434-774-10</th> <th>Sequence 10, Appl</th>	3.7	401	4	US-09-434-774-10	Sequence 10, Appl
39	7 <th>3.7</th> <th>466</th> <th>2</th> <th>US-08-486-839-4</th> <th>Sequence 4, Appl</th>	3.7	466	2	US-08-486-839-4	Sequence 4, Appl
40	7 <th>3.7</th> <th>466</th> <th>3</th> <th>US-09-151-011-4</th> <th>Sequence 4, Appl</th>	3.7	466	3	US-09-151-011-4	Sequence 4, Appl
41	7 <th>3.7</th> <th>466</th> <th>4</th> <th>US-09-039-198A-2</th> <th>Sequence 2, Appl</th>	3.7	466	4	US-09-039-198A-2	Sequence 2, Appl
42	7 <th>3.7</th> <th>466</th> <th>4</th> <th>US-09-039-198A-4</th> <th>Sequence 4, Appl</th>	3.7	466	4	US-09-039-198A-4	Sequence 4, Appl
43	7 <th>3.7</th> <th>466</th> <th>4</th> <th>US-09-343-623-4</th> <th>Sequence 4, Appl</th>	3.7	466	4	US-09-343-623-4	Sequence 4, Appl
44	7 <th>3.7</th> <th>634</th> <th>4</th> <th>US-09-041-236-2</th> <th>Sequence 2, Appl</th>	3.7	634	4	US-09-041-236-2	Sequence 2, Appl
45	7 <th>3.7</th> <th>645</th> <th>4</th> <th>US-09-202-712-2</th> <th>Sequence 2, Appl</th>	3.7	645	4	US-09-202-712-2	Sequence 2, Appl

ALIGNMENTS

RESULT 1
US-09-088-549-1
; Sequence 1, Application US/09088549
; Patent No. 6231853
GENERAL INFORMATION:
; APPLICANT: HILLMAN, JENNIFER L.
; APPLICANT: CORLEY, NEIL C.
; APPLICANT: PATTERSON, CHANDRA
; TITLE OF INVENTION: HUMAN GLUTATHIONE PEROXIDASE-6
; NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/088,549
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Cerrone, Michael C
REGISTRATION NUMBER: 39,132
REFERENCE/DOCKET NUMBER: PF-0530 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-855-0555
TELEFAX: 650-855-0572
TELEX:
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 187 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: PROSNOT20
CLONE: 1817518
US-09-088-549-1
Query Match 100.0%; Score 187; DB 4; Length 187;

Best Local Similarity 100.0%; Pred. NO. 4.6e-184,
Matches 187; Conservative 0; Mismatches 0; Indels 0; Gaps 0.

QY	1	MYTVAATAAATLLAAACAAOEOEYDFKAVNINIGKVLSEIKTRGSVSLVYVNAASEGFT	60
Db	1	MYAATVAATAAATLLAAACAAOEOEDFTDFPKAVNINIGKVLSEIKTRGSVSLVYVNAASEGFT	60
QY	61	DQHYRALQQLORDLQDPHHFNVLAFCPCNQFGQOEBDSNKEIESFACRTYSVSPFMESKIAV	120
Db	61	DQHRLAQQLQRLDQSPHHFNVLAFCPCNQFGQOEBDSNKEIESFACRTYSVSPFMESKIAV	120
QY	121	TGTGHAHPAFKTLAOTSGKEPFWNFWKTLVABDGKVVGAMPFVSVSEVRLQITALYRKLI	180
Db	121	TGTGTHHPAFKTLAOTSGKEPFWNFWKTLVABDGKVVGAMPFVSVSEVRLQITALYRKLI	180
QY	181	LKREDL 187	
Db	181	LKREDL 187	

RESULT 2
PC-09-679-

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US-08-679-493A-166
: Sequence 166, Application US/08679493A
: Patent No. 6303295
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: GENERAL INFORMATION:
: APPLICANT: Taylor, Ethan W.
: TITLE OF INVENTION: SELENOPROTEINS, CODING SEQUENCES AND METHODS
: FILE REFERENCE: 55-95
: CURRENT APPLICATION NUMBER: US/08/679,493A
: PRIOR FILING DATE: 1996-07-12
: PRIOR APPLICATION NUMBER: 60/001203
: PRIOR FILING DATE: 1995-07-14
: PRIOR APPLICATION NUMBER: 60/003,112
: PRIOR FILING DATE: 1995-09-01
: NUMBER OF SEQ ID NOS: 216
: SOFTWARE: PatentIn Ver. 2.0
: SEQ ID NO 166
:
: LENGTH: 47
:
: TYPE: PRT
:
: ORGANISM: Sus scrofa
:
: FEATURE:
: NAME/KEY: VARIANT
: LOCATION: (1)..(47)
: OTHER INFORMATION: x is selenocysteine.
:
: US-08-679-493A-166

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Query Match      4.8%; Score 9; DB 4; Length 47;
Best Local Similarity 100.0%; Pred. No. 0.038;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0
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QY	82	LAFCPCNQFG	90
Db	27	LAFCPCNQFG	35

RESULT 3

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US-08-679-493A-168
: Sequence 168, Application US/08679493A
: Patent No. 6303295
: GENERAL INFORMATION:
: APPLICANT: Taylor, Ethan W.
: TITLE OF INVENTION: SELENOPROTEINS, CODING SEQUENCES AND METHODS
: FILE REFERENCE: 55-95
: CURRENT APPLICATION NUMBER: US/08/679,493A
: CURRENT FILING DATE: 1996-07-12
: PRIOR APPLICATION NUMBER: 60/001203
: PRIOR FILING DATE: 1995-07-14
: PRIOR APPLICATION NUMBER: 60/003,112
: PRIOR FILING DATE: 1995-09-01
: NUMBER OF SEQ ID NOS: 216
: SOFTWARE: PatentIn Ver. 2.0
: SEQ ID NO 168

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? LENGTH: 47
? TYPE: PRT
? ORGANISM: wood
? FEATURE:
? NAME/KEY: VARIANT
? LOCATION: (1)..(47)
? OTHER INFORMATION: X is selenocysteine
US-08-679-493A-168

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Query Match	4.8%;	Score 9;	DB 4;	Length 47;
Best Local Similarity	100.0%;	Pred. No. 0.038;		
Matches	9;	Conservative	0;	Mismatches 0;
				Indels 0;
				Gaps 0;

QY	82	LAFPCNQEG	90
Db	27	LAFPCNQEG	35

RESULT 4

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US-09-088-549-3
? Sequence 3, Application US/09088549
? Patent No. 6231853
?
? GENERAL INFORMATION:
?
? APPLICANT: HILLMAN, JENNIFER L.
?
? APPLICANT: CORLEY, NEIL C.
?
? APPLICANT: PATTERSON, CHADRA
?
? TITLE OF INVENTION: HUMAN GLUTATHIONE PEROXIDASE-6
?
? NUMBER OF SEQUENCES: 3
?
? CORRESPONDENCE ADDRESS:
?
? ADDRESSEE: Incyte Pharmaceuticals, Inc.
?
? STREET: 3174 Porter Drive
?
? CITY: Palo Alto
?
? STATE: CA
?
? COUNTRY: USA
?
? ZIP: 94304
?
? COMPUTER READABLE FORM:
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? MEDIUM TYPE: Diskette
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? COMPUTER: IBM Compatible
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? OPERATING SYSTEM: Windows
?
? SOFTWARE: FASTSEQ for Windows Version 2.0b
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? CURRENT APPLICATION DATA:
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? APPLICATION NUMBER: US/09/088,549
?
? FILING DATE:
?
? CLASSIFICATION:
?
? PRIOR APPLICATION DATA:
?
? APPLICATION NUMBER:
?
? FILING DATE:
?
? ATTORNEY/AGENT INFORMATION:
?
? NAME: Cetrone, Michael C
?
? REGISTRATION NUMBER: 39,132
?
? REFERENCE/DOCKET NUMBER: Pf-0530 US
?
? TELECOMMUNICATION INFORMATION:
?
? TELEPHONE: 650-855-0555
?
? TELEFAX: 650-855-0572
?
? TELEX:
?
? INFORMATION FOR SEQ ID NO: 3:
?
? SEQUENCE CHARACTERISTICS:
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? LENGTH: 170 amino acids
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? TYPE: amino acid
?
? STRANDEDNESS: single
?
? TOPOLOGY: linear
?
? IMMEDIATE SOURCE:
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? LIBRARY: GENBANK
?
? CLONE: 54432
?
US-09-088-549-3

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Query Match	4.8%;	Score 9;	DB 4;	Length 170;
Best Local Similarity	100.0%;	Pred. No. 0.12;		
Matches	9;	Conservative	0;	Mismatches 0;
			Indels	Gaps 0

QY 82 LAFPCNQG 90

Db 71 LAFCNOFG 79

RESULT 5

5187078-2
; Patent No. 5187078
; APPLICANT: OHYA, MASAMI;MIZOGUCHI, JUNZO;ONOZAWA, TAKASHI
; TITLE OF INVENTION: PLASMA-TYPE GLUTATHIONE PEROXIDASE GENE
; AND APPLICATION OF THE SAME
; NUMBER OF SEQUENCES: 24
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/540,115
; FILING DATE: 19-JUN-1990
; SEQ ID NO:2:
; LENGTH: 24
5187078-2

Query Match 4.3%; Score 8; DB 6; Length 24;
Best Local Similarity 100.0%; Pred. No. 0.22;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 84 FPCNOFGQ 91
Db 7 FPCNOFGQ 14

RESULT 6

US-08-208-885-2
; Sequence 2, Application US/08208885
; Patent No. 5569603
; GENERAL INFORMATION:
; APPLICANT: Tripp, Cynthia A.
; APPLICANT: Grieve, Robert B.
; TITLE OF INVENTION: DIOFILARIA IMMITIS GP29 PROTEINS,
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheridan Ross & McIntosh
; STREET: 1700 Lincoln Street, Suite 3500
; CITY: Denver
; STATE: Colorado
; COUNTRY: U.S.A.
; ZIP: 80203
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/208,885
; FILING DATE: 08-MAR-1994
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Verser, Carol Talkington
; REGISTRATION NUMBER: 37,459
; REFERENCE/DOCKET NUMBER: 2618-20
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 863-9700
; TELEFAX: (303) 863-0223
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 219 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-208-885-2

Query Match 4.3%; Score 8; DB 1; Length 219;
Best Local Similarity 100.0%; Pred. No. 1.7;

Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 82 LAFCNOF 89

Db 94 LAFCNOF 101

RESULT 7

US-08-462-177-2
; Sequence 2, Application US/08462177
; Patent No. 5618532
; GENERAL INFORMATION:
; APPLICANT: Tripp, Cynthia A.
; APPLICANT: Selkirk, Murray E.
; TITLE OF INVENTION: DIOFILARIA IMMITIS GP29 PROTEINS,
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheridan Ross & McIntosh
; STREET: 1700 Lincoln Street, Suite 3500
; CITY: Denver
; STATE: Colorado
; COUNTRY: U.S.A.
; ZIP: 80203
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/462,177
; FILING DATE: 08-MAR-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Verser, Carol Talkington
; REGISTRATION NUMBER: 37,459
; REFERENCE/DOCKET NUMBER: 2618-20
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 863-9700
; TELEFAX: (303) 863-0223
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 219 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-462-177-2

Query Match 4.3%; Score 8; DB 1; Length 219;
Best Local Similarity 100.0%; Pred. No. 1.7;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 82 LAFCNOF 89
Db 94 LAFCNOF 101

RESULT 8

US-08-833-622-2
; Sequence 2, Application US/08833622
; Patent No. 5866126
; GENERAL INFORMATION:
; APPLICANT: Tripp, Cynthia A.
; APPLICANT: Selkirk, Murray E.
; TITLE OF INVENTION: DIOFILARIA IMMITIS GP29 PROTEINS,
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sheridan Ross & McIntosh
; STREET: 1700 Lincoln Street, Suite 3500
US-08-833-622-2

CITY: Denver
STATE: Colorado
COUNTRY: U.S.A.
ZIP: 80203
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/833,622
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/462,177
FILING DATE: 08-MAR-1994
ATTORNEY/AGENT INFORMATION:
NAME: Verser, Carol Talkington
REGISTRATION NUMBER: 37,459
REFERENCE/DOCKET NUMBER: 2618-20
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 863-9700
TELEFAX: (303) 863-0223
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 219 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-833-622-2

Query Match 4.3%; Score 8; DB 2; Length 219;
Best Local Similarity 100.0%; Pred. No. 1.7;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 82 LAPPCNOF 89
DB 94 LAPPCNOF 101

RESULT 9
US-08-440-861-23
Sequence 23, Application US/08440861
Patent No. 5710126
GENERAL INFORMATION:
APPLICANT: Griffith, Irwin J.
APPLICANT: Kuo, Mei-Chang
APPLICANT: Lugman, Mohammad
TITLE OF INVENTION: T CELL EPITOPES OF RYEGRASS POLLEN
TITLE OF INVENTION: ALLERGEN
NUMBER OF SEQUENCES: 56
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD
STREET: 60 State Street, suite 510
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/440,861
FILING DATE: 15-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/106,016
FILING DATE: 31-AUG-1993
ATTORNEY/AGENT INFORMATION:
NAME: Amy E. Mandragouras

REGISTRATION NUMBER: 36,207
REFERENCE/DOCKET NUMBER: IPC-075 (IMI-040CP)
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 227-5941
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: peptide
FRAGMENT TYPE: internal
US-08-440-861-23

Query Match 3.7%; Score 7; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.9;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3 AATVAAA 9
DB 10 AATVAAA 16

RESULT 10
US-08-679-493A-183
Sequence 183, Application US/08679493A
Patent No. 6303295
GENERAL INFORMATION:
APPLICANT: Taylor, Ethan W.
TITLE OF INVENTION: SELENOPROTEINS, CODING SEQUENCES AND METHODS
FILE REFERENCE: 55-95
CURRENT APPLICATION NUMBER: US/08/679,493A
PRIOR FILING DATE: 1996-07-12
PRIOR APPLICATION NUMBER: 60/001203
PRIOR FILING DATE: 1995-07-14
PRIOR APPLICATION NUMBER: 60/003,112
NUMBER OF SEQ ID NOS: 216
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 183
LENGTH: 44
TYPE: PRT
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: VARIANT
LOCATION: (1)..(44)
OTHER INFORMATION: X is selenocysteine.
US-08-679-493A-183

Query Match 3.7%; Score 7; DB 4; Length 44;
Best Local Similarity 100.0%; Pred. No. 4;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 84 FPCCNOFG 90
DB 26 FPCCNOFG 32

RESULT 11
US-08-679-493A-170
Sequence 170, Application US/08679493A
Patent No. 6303295
GENERAL INFORMATION:
APPLICANT: Taylor, Ethan W.
TITLE OF INVENTION: SELENOPROTEINS, CODING SEQUENCES AND METHODS
FILE REFERENCE: 55-95
CURRENT APPLICATION NUMBER: US/08/679,493A
PRIOR FILING DATE: 1996-07-12
PRIOR APPLICATION NUMBER: 60/001203
PRIOR FILING DATE: 1995-07-14
PRIOR APPLICATION NUMBER: 60/003,112

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; PRIOR FILING DATE: 1995-09-01
; NUMBER OF SEQ ID NOS: 216
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 170
; LENGTH: 46
; TYPE: PRT
; ORGANISM: macaque
; FEATURE:
; NAME/KEY: VARIANT
; LOCATION: (1)..(46)
; OTHER INFORMATION: X is selenocysteine.
US-08-679-493A-170
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Query Match          3.7%; Score 7; DB 4; Length 46;
Best Local Similarity 100.0%; Pred. No. 4.2;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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OY      84 FPCNOFG 90
        |||||
DB       28 FPCNOFG 34
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RESULT 12
US-08-679-493A-171
; Sequence 171, Application US/08679493A
; Patent No. 6303295
; GENERAL INFORMATION:
; APPLICANT: Taylor, Ethan W.
; TITLE OF INVENTION: SELENOPROTEINS, CODING SEQUENCES AND METHODS
; FILE REFERENCE: 55-95
; CURRENT APPLICATION NUMBER: US/08/679,493A
; CURRENT FILING DATE: 1996-07-12
; PRIOR APPLICATION NUMBER: 60/001203
; PRIOR FILING DATE: 1995-07-14
; PRIOR APPLICATION NUMBER: 60/003,112
; PRIOR FILING DATE: 1995-09-01
; NUMBER OF SEQ ID NOS: 216
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 171
; LENGTH: 46
; TYPE: PRT
; ORGANISM: rat
; FEATURE:
; NAME/KEY: VARIANT
; LOCATION: (1)..(46)
; OTHER INFORMATION: X is selenocysteine.
US-08-679-493A-171
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Query Match          3.7%; Score 7; DB 4; Length 46;
Best Local Similarity 100.0%; Pred. No. 4.2;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

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OY      84 FPCNOFG 90
        |||||
DB       28 FPCNOFG 34
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RESULT 13
US-08-679-493A-172
; Sequence 172, Application US/08679493A
; Patent No. 6303295
; GENERAL INFORMATION:
; APPLICANT: Taylor, Ethan W.
; TITLE OF INVENTION: SELENOPROTEINS, CODING SEQUENCES AND METHODS
; FILE REFERENCE: 55-95
; CURRENT APPLICATION NUMBER: US/08/679,493A
; CURRENT FILING DATE: 1996-07-12
; PRIOR APPLICATION NUMBER: 60/001203
; PRIOR FILING DATE: 1995-07-14
; PRIOR APPLICATION NUMBER: 60/003,112
; PRIOR FILING DATE: 1995-09-01
```

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; NUMBER OF SEQ ID NOS: 216
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 172
; LENGTH: 46
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: VARIANT
; LOCATION: (1)..(46)
; OTHER INFORMATION: X is selenocysteine.
US-08-679-493A-172
```

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Query Match          3.7%; Score 7; DB 4; Length 46;
Best Local Similarity 100.0%; Pred. No. 4.2;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY      84 FPCNOFG 90
        |||||
DB       28 FPCNOFG 34
```

```
RESULT 14
US-08-679-493A-174
; Sequence 174, Application US/08679493A
; Patent No. 6303295
; GENERAL INFORMATION:
; APPLICANT: Taylor, Ethan W.
; TITLE OF INVENTION: SELENOPROTEINS, CODING SEQUENCES AND METHODS
; FILE REFERENCE: 55-95
; CURRENT APPLICATION NUMBER: US/08/679,493A
; CURRENT FILING DATE: 1996-07-12
; PRIOR APPLICATION NUMBER: 60/001203
; PRIOR FILING DATE: 1995-07-14
; PRIOR APPLICATION NUMBER: 60/003,112
; PRIOR FILING DATE: 1995-09-01
; NUMBER OF SEQ ID NOS: 216
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 174
; LENGTH: 46
; TYPE: PRT
; ORGANISM: bovine
; FEATURE:
; NAME/KEY: VARIANT
; LOCATION: (1)..(46)
; OTHER INFORMATION: X is selenocysteine.
US-08-679-493A-174
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```
Query Match          3.7%; Score 7; DB 4; Length 46;
Best Local Similarity 100.0%; Pred. No. 4.2;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY      84 FPCNOFG 90
        |||||
DB       28 FPCNOFG 34
```

```
RESULT 15
US-08-679-493A-175
; Sequence 175, Application US/08679493A
; Patent No. 6303295
; GENERAL INFORMATION:
; APPLICANT: Taylor, Ethan W.
; TITLE OF INVENTION: SELENOPROTEINS, CODING SEQUENCES AND METHODS
; FILE REFERENCE: 55-95
; CURRENT APPLICATION NUMBER: US/08/679,493A
; CURRENT FILING DATE: 1996-07-12
; PRIOR APPLICATION NUMBER: 60/001203
; PRIOR FILING DATE: 1995-07-14
; PRIOR APPLICATION NUMBER: 60/003,112
; PRIOR FILING DATE: 1995-09-01
; NUMBER OF SEQ ID NOS: 216
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; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 175
; LENGTH: 46
; TYPE: PRT
; ORGANISM: bovine
; FEATURE:
; NAME/KEY: VARIANT
; LOCATION: (1)..(46)
; OTHER INFORMATION: X is selenocysteine.
US-08-679-493A-175

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Query Match      3.7%; Score 7; DB 4; Length 46;
Best Local Similarity 100.0%; Pred. No. 4.2;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 84 FPCNDRG 90
Db 28 FPCNDRG 34

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Search completed: August 23, 2002, 14:40:17
 Job time: 104 sec